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OIIPE

RAW SEQUENCE LISTING

DATE: 11/14/2003

PATENT APPLICATION: US/09/012,904

TIME: 13:00:40

Input Set : N:\Crf3\RULE60\09012904.RAW.txt

Output Set: N:\CRF4\11142003\I012904.raw

SEQUENCE LISTING

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3 (1) GENERAL INFORMATION:
5     (i) APPLICANT: Meade, Harry
6         Pollock, Daniel
7         DiTullio, Paul
9     (ii) TITLE OF INVENTION: Transgenic Production of Antibodies in
10         Milk
12    (iii) NUMBER OF SEQUENCES: 5
14    (iv) CORRESPONDENCE ADDRESS:
15        (A) ADDRESSEE: Darby & Darby PC
16        (B) STREET: 805 Third Avenue
17        (C) CITY: New York
18        (D) STATE: New York
19        (E) COUNTRY: US
20        (F) ZIP: 10022
22    (v) COMPUTER READABLE FORM:
23        (A) MEDIUM TYPE: Floppy disk
24        (B) COMPUTER: IBM PC compatible
25        (C) OPERATING SYSTEM: PC-DOS/MS-DOS
26        (D) SOFTWARE: PatentIn Release #1.0, Version #1.25
28    (vi) CURRENT APPLICATION DATA:
C--> 29        (A) APPLICATION NUMBER: US/09/012,904
C--> 30        (B) FILING DATE: 23-Jan-1998
W--> 35        (C) CLASSIFICATION: 436
32    (vii) PRIOR APPLICATION DATA:
33        (A) APPLICATION NUMBER: US/08/170,579
34        (B) FILING DATE: 20-DEC-1993
37    (viii) ATTORNEY/AGENT INFORMATION:
38        (A) NAME: Ludwig, S. Peter
39        (B) REGISTRATION NUMBER: 25,351
40        (C) REFERENCE/DOCKET NUMBER: 4444/08981
42    (ix) TELECOMMUNICATION INFORMATION:
43        (A) TELEPHONE: 212-527-7700
44        (B) TELEFAX: 212-753-6237
45        (C) TELEX: 236687
48 (2) INFORMATION FOR SEQ ID NO: 1:
50    (i) SEQUENCE CHARACTERISTICS:
51        (A) LENGTH: 18 base pairs
52        (B) TYPE: nucleic acid
53        (C) STRANDEDNESS: single
54        (D) TOPOLOGY: linear
56    (ii) MOLECULE TYPE: cDNA to mRNA
58    (vi) ORIGINAL SOURCE:

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59      (A) ORGANISM: Capra hircus
61      (vii) IMMEDIATE SOURCE:
62      (B) CLONE: beta casein 5'
65      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
67      CGCGGATCCT CGAGGACC                                     18
69      (2) INFORMATION FOR SEQ ID NO: 2:
71      (i) SEQUENCE CHARACTERISTICS:
72      (A) LENGTH: 59 base pairs
73      (B) TYPE: nucleic acid
74      (C) STRANDEDNESS: single
75      (D) TOPOLOGY: linear
77      (ii) MOLECULE TYPE: cDNA to mRNA
79      (vi) ORIGINAL SOURCE:
80      (A) ORGANISM: Capra hircus
82      (vii) IMMEDIATE SOURCE:
83      (B) CLONE: beta casein 3
86      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
88      TAAGGTCCAC AGACCGAGAC CCACTCACTA GGCAACTGGT CCGTCCAGCT GTTAAGTGA       59
90      (2) INFORMATION FOR SEQ ID NO: 3:
92      (i) SEQUENCE CHARACTERISTICS:
93      (A) LENGTH: 34 base pairs
94      (B) TYPE: nucleic acid
95      (C) STRANDEDNESS: single
96      (D) TOPOLOGY: linear
98      (ii) MOLECULE TYPE: cDNA to mRNA
100     (vi) ORIGINAL SOURCE:
101     (A) ORGANISM: Capra hircus
103     (vii) IMMEDIATE SOURCE:
104     (B) CLONE: light chain 5'
107     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
109     AGTGAATTCA TGCTCGAGAG CCATGGCCTG GATC                                     34
111     (2) INFORMATION FOR SEQ ID NO: 4:
113     (i) SEQUENCE CHARACTERISTICS:
114     (A) LENGTH: 34 base pairs
115     (B) TYPE: nucleic acid
116     (C) STRANDEDNESS: single
117     (D) TOPOLOGY: linear
119     (ii) MOLECULE TYPE: cDNA to mRNA
121     (vi) ORIGINAL SOURCE:
122     (A) ORGANISM: Capra hircus
124     (vii) IMMEDIATE SOURCE:
125     (B) CLONE: Heavy chain 5'
128     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
130     AGTGAATTCA TGCTCGAGAG CCATGAAGCA CCTG                                     34
132     (2) INFORMATION FOR SEQ ID NO: 5:
134     (i) SEQUENCE CHARACTERISTICS:
135     (A) LENGTH: 14 base pairs
136     (B) TYPE: nucleic acid
137     (C) STRANDEDNESS: single

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Output Set: N:\CRF4\11142003\I012904.raw

138 (D) TOPOLOGY: linear
140 (ii) MOLECULE TYPE: cDNA to mRNA
142 (vi) ORIGINAL SOURCE:
143 (A) ORGANISM: Capra hircus
145 (vii) IMMEDIATE SOURCE:
146 (B) CLONE: HEAVY CHAIN 3'
149 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
151 AGCTCCTCGA GGCC

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/012,904

DATE: 11/14/2003
TIME: 13:00:41

Input Set : N:\Crf3\RULE60\09012904.RAW.txt
Output Set: N:\CRF4\11142003\I012904.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 69
Seq#:2; Line(s) 90
Seq#:3; Line(s) 111
Seq#:4; Line(s) 132

VERIFICATION SUMMARY

DATE: 11/14/2003

PATENT APPLICATION: US/09/012,904

TIME: 13:00:41

Input Set : N:\Crf3\RULE60\09012904.RAW.txt

Output Set: N:\CRF4\11142003\I012904.raw

L:29 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:30 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:35 M:238 W: Alpha Fields not Ordered, Reordered [(C) CLASSIFICATION:] of (1)(vi)